

Portland (Airport) Normals (1981-2010), Means & Extremes (1940-2019)

Lat: 45° 35' 27" N Long: 122° 36' 01" W Field Elevation: 19 feet MSL Barometer Elev: 223 feet MSL

Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
MAX: Normal Daily	47.0	51.3	56.7	61.4	68.0	73.5	80.6	81.1	75.8	63.8	52.8	45.6	63.1
Warmest Daily MAX <i>Year of Occurrence</i>	66 2005	71 1988	80 1947	90 1998	100 1983	102 2006	107 1965	107 1981	105 1988	92 1987	73 1975	65 1983	107 1981 ¹
Coldest Daily MAX <i>Year of Occurrence</i>	16 1950	15 1989	29 1960	42 1963	49 1964	53 1964	60 1980	58 1956	52 2019	43 1991	25 1985	14 1968	14 1968
MIN: Normal Daily	35.8	36.3	39.6	43.1	48.6	53.6	57.8	58.0	53.1	46.0	40.5	35.2	45.6
Coldest Daily MIN <i>Year of Occurrence</i>	-2 1950	-3 1950	19 1989	29 1955	29 1954	39 1966	43 1955	44 1980	34 1965	26 1971	13 1985	6 1964	-3 1950
Warmest Daily MIN <i>Year of Occurrence</i>	55 2011	54 1972	58 2007	57 1998	62 2008	71 2015	74 2009	69 2014	66 2017	63 2003	63 2006	60 1980	74 2009
MEAN: Normal Daily	41.4	43.8	48.2	52.3	58.3	63.6	69.2	69.5	64.5	54.9	46.6	40.4	54.4
Normal Number of Days with Temperature of :													
Maximum ≥ 90°	0	0	0	0	< 1	1	4	4	2	< 1	0	0	12
Maximum ≥ 80°	0	0	0	1	4	7	16	17	10	1	0	0	54
Maximum ≤ 32°	1	< 1	0	0	0	0	0	0	0	0	< 1	1	2
Minimum ≤ 32°	8	7	2	1	0	0	0	0	0	< 1	3	9	30
Normal Heating Deg. Days	732	594	522	383	224	91	17	10	76	315	551	763	4278
Normal Cooling Deg. Days	0	0	0	1	16	47	147	152	59	2	0	0	424
Normal Relative Humidity (%)													
at 4 am	85	85	86	86	85	83	81	82	86	90	88	86	85 %
at 10 am	82	80	76	70	67	64	62	64	67	77	83	83	73 %
at 4 pm	74	66	60	56	53	50	45	43	47	59	74	77	59 %
At 10 pm	83	80	78	75	73	70	67	68	73	82	84	84	76 %
% Possible Sunlight Rcvd	28	38	48	52	57	56	69	66	62	44	28	23	48
Average Number of Days with:													
Heavy Fog (vis ≤ ¼ mi)	4.8	3.8	2.1	0.9	0.2	0.1	0	0.1	1.4	5.8	5.6	4.3	29.1
Thunderstorms	0	0.1	0.5	1.0	1.4	0.8	0.8	0.8	0.7	0.4	0.3	0	6.8
Average Days that are:													
Clear	2.9	2.9	3.3	3.5	5.0	6.2	12.6	11.4	10.3	5.4	2.8	2.1	68.4
Partly Cloudy	3.6	3.8	4.9	5.8	7.2	7.7	8.5	9.6	8.1	7.6	4.3	3.3	74.4
Cloudy	24.4	21.5	22.8	20.7	18.9	16.1	9.9	10.1	11.6	18.0	22.9	25.5	222.4
Avg Daylight Sky Cover²	6.7	6.6	6.4	6.2	5.8	5.4	3.8	4.0	4.3	5.6	6.4	6.8	5.7
Avg Wind Speed (mph)	9.3	8.7	7.7	7.1	6.7	7.0	7.2	6.8	6.2	6.3	8.0	9.3	7.5
Dominant Direction													
Highest Sustained Wind Direction of Sustained <i>Year of Occurrence</i>	SE S 1951	SE SW 1958	SE S 1963	NW SW 1957	NW SW 1960	NW SW 1958	NW SW 1983	NW SW 1961	NW SE 1963	SE S 1962	SE SW 1961	SE S 1951	88 S 1962
Strongest Wind Gust Direction of Gust <i>Year of Occurrence</i>	70 S 1951	76 S 1955	71 S 1971	73 S 1973	51 SW 1956	55 S 1958	43 E 2009	43 S 2015	66 S 2015	104 S 1963	71 S 1962	74 S 1981	104 S 1995
Normal Precipitation (in)	4.88	3.66	3.68	2.73	2.47	1.70	0.65	0.67	1.47	3.00	5.63	5.49	36.03
Monthly Maximum <i>Year of Occurrence</i>	12.83 1953	10.36 2017	7.89 2012	5.26 1993	5.55 1998	4.27 2010	2.68 1983	4.53 1968	5.62 2013	8.41 1994	11.92 2006	15.24 2015	63.20 1996
Monthly Minimum <i>Year of Occurrence</i>	0.06 1985	0.72 1993	1.10 1965	0.53 1956	0.10 1992	0.03 1951	0.00 1967	Trace 2012	Trace 1993	0.19 1988	0.77 1976	1.38 1976	22.48 1985
Max Rain in 24 hours <i>Year of Occurrence</i>	3.13 2009	2.46 1994	1.88 2015	1.47 1962	1.47 1968	1.82 1958	1.09 1978	1.54 1977	2.38 1982	4.44 1994	4.10 1996	3.22 2015	4.44 1994
Norm. Days w/≥ 0.01 rain	18	15	18	16	14	9	4	4	7	13	19	19	155
Norm. Days w/ ≥1" rain	0.5	0.4	0.2	0.1	0.1	0.2	0	0.1	0.2	0.3	0.8	0.9	3.8
Normal Snow (in)	1.4	1.4	0.1	0.0	0.2	1.5	4.6						
1940-2019 Average³	2.9	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.4	6.0	

¹Most recent occurrence listed.²Sky Cover in OKTAs, or eighths of sky cover.³Period of record is Oct 1940-Dec 2019.

Notes: